CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 31-35

A

Albery, W. J., 31:227-63 Albrecht, A. C., 33:353-76 Alder, B. J., 32:311-29 Altkom, R., 35:265-89 Anderson, C. F., 33:191-222 Angell, C. A., 34:593-630 Ayouris, P., 35:49-73

B

Ballard, S. G., 33:377–407 Bartlett, R. J., 32:359–401 Baumgärtner, A., 35:419–35 Bersohn, R., 33:409–42 Bondybey, V. E., 35:591–612 Borejdo, J. 33:319–51 Botts, J., 33:319–51 Boxer, S. G., 34:389–417 Brauman, J. I., 34:187–215 Brochard, F., 32:433–51 Bunker, P. R., 34:59–75 Burch, R. R., 33:89–118

C

Calef, D. F., 34:493–524 Callis, P. R., 34:329–57 Cardillo, M. J., 32:331–57 Case, D. A., 33:151–71 Champion, P. M., 33:353–76 Chidsey, C. E. D., 34:389–417 Clouthier, D. J., 34:31–58 Cohen, M. L.,35:537–62 Cooke, R., 33:319–51 Crim, F. F., 35:657–91

D

Dacol, D., 34:419-61 Das, P., 35:507-36 Debrunner, P. G., 33:283-99 de Gennes, P. G., 33:49-61 Demuth, J., 35:49-73 Deslattes, R. D., 31:435-61 Deutch, J. M., 34:493-524 Djeu, N., 34:557-91 Drickamer, H. G., 33:25-47 Duncan, J. L., 34:245-72 Dunning, F. B., 33:173-89 Durup, J., 32:53-76 Dykstra, C. E., 32:25-52

E

Ehrlich, G., 31:503-37 Eichinger, B. E., 34:359-87 Enderby, J. E., 34:155-85 Etemad, S., 33:443-69

F

Fanconi, B., 31:265–91 Fayer, M. D., 33:63–87 Fendler, J. H., 35:137–57 Fogarasi, G., 35:191–213 Frauenfelder, H., 33:283–99 Frenkel, D., 31:491–521 Friedman, H. L., 32:179–204 Friedman, J. M., 33:471–91 Friedrich, D. M., 31:559–77 Frisch, H. L., 32:433–51

G

Gardiner, W. C. Jr., 31:377–99 Garrett, B. C., 35:159–89 Golden, D. M., 33:493–532 Green, S., 32:103–38 Greene, C. H., 33:119–50 Greer, S. C., 32:233–65 Gudeman, C. S., 35:387–418 Gutowsky, H. S., 31:1–27

1

Heeger, A. J., 33:443–69 Heller, E. J., 35:563–89 Hildebrand, J. H., 32:1–23 Hirschfelder, J. O., 34:xi–xvi; 1–29 Hoover, W. G., 34:103–27 Hyde, J. S., 31:293–317 T

Jaynes, E. T., 31:579-601 Johnson, P. M., 32:139-57 Johnston, H. S., 35:481-505 Jonas, J., 31:1-27

K

Karplus, M., 31:29–45 Kivelson, D., 31:523–58 Kneba, M., 31:47–79 Koszykowski, M. L., 32:267– 309 Kramer, M., 34:419–61 Krauss, M., 35:357–85

L

Lèger, L., 33:49-61 Legon, A. C., 34:275-300 Leone, S. R., 35:109-35 Levy., D. H., 31:197-225 Light, J. C., 31:401-33 Lin, M. C., 34:557-91 Louie, S. G., 35:537-62

M

MacDiarmid, A. G., 33:443-69 Madden, P. A., 31:523-58 Madey, T. E., 35:215-40 Mandel, M., 35:75-108 Marcus, R. A., 32:267-309 Mauzerall, D., 33:377-407 Mayer, J. E., 33:1-23 McCammon, J. A., 31:29-45 McClain, W. M., 31:559-77 McMillen, D. F., 33:493-532 McTague, J. P., 31:491-521 Mendelson, R. A., 33:319-51 Metiu, H., 35:507-36 Miller, T. A., 33:257-82 Moldover, M. R., 32:233-65 Moore, C. B., 34:525-55 Morales, M. F., 33:319-51 Moseley, J., 32:53-76 Moylan, C. R., 34:187-215 Muetterties, E. L., 33:89-118

CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 31-35

A

Albery, W. J., 31:227-63 Albrecht, A. C., 33:353-76 Alder, B. J., 32:311-29 Altkom, R., 35:265-89 Anderson, C. F., 33:191-222 Angell, C. A., 34:593-630 Ayouris, P., 35:49-73

B

Ballard, S. G., 33:377–407 Bartlett, R. J., 32:359–401 Baumgärtner, A., 35:419–35 Bersohn, R., 33:409–42 Bondybey, V. E., 35:591–612 Borejdo, J. 33:319–51 Botts, J., 33:319–51 Boxer, S. G., 34:389–417 Brauman, J. I., 34:187–215 Brochard, F., 32:433–51 Bunker, P. R., 34:59–75 Burch, R. R., 33:89–118

C

Calef, D. F., 34:493–524 Callis, P. R., 34:329–57 Cardillo, M. J., 32:331–57 Case, D. A., 33:151–71 Champion, P. M., 33:353–76 Chidsey, C. E. D., 34:389–417 Clouthier, D. J., 34:31–58 Cohen, M. L.,35:537–62 Cooke, R., 33:319–51 Crim, F. F., 35:657–91

D

Dacol, D., 34:419-61 Das, P., 35:507-36 Debrunner, P. G., 33:283-99 de Gennes, P. G., 33:49-61 Demuth, J., 35:49-73 Deslattes, R. D., 31:435-61 Deutch, J. M., 34:493-524 Djeu, N., 34:557-91 Drickamer, H. G., 33:25-47 Duncan, J. L., 34:245-72 Dunning, F. B., 33:173-89 Durup, J., 32:53-76 Dykstra, C. E., 32:25-52

E

Ehrlich, G., 31:503-37 Eichinger, B. E., 34:359-87 Enderby, J. E., 34:155-85 Etemad, S., 33:443-69

F

Fanconi, B., 31:265–91 Fayer, M. D., 33:63–87 Fendler, J. H., 35:137–57 Fogarasi, G., 35:191–213 Frauenfelder, H., 33:283–99 Frenkel, D., 31:491–521 Friedman, H. L., 32:179–204 Friedman, J. M., 33:471–91 Friedrich, D. M., 31:559–77 Frisch, H. L., 32:433–51

G

Gardiner, W. C. Jr., 31:377–99 Garrett, B. C., 35:159–89 Golden, D. M., 33:493–532 Green, S., 32:103–38 Greene, C. H., 33:119–50 Greer, S. C., 32:233–65 Gudeman, C. S., 35:387–418 Gutowsky, H. S., 31:1–27

1

Heeger, A. J., 33:443–69 Heller, E. J., 35:563–89 Hildebrand, J. H., 32:1–23 Hirschfelder, J. O., 34:xi–xvi; 1–29 Hoover, W. G., 34:103–27 Hyde, J. S., 31:293–317 T

Jaynes, E. T., 31:579-601 Johnson, P. M., 32:139-57 Johnston, H. S., 35:481-505 Jonas, J., 31:1-27

K

Karplus, M., 31:29–45 Kivelson, D., 31:523–58 Kneba, M., 31:47–79 Koszykowski, M. L., 32:267– 309 Kramer, M., 34:419–61 Krauss, M., 35:357–85

L

Lèger, L., 33:49-61 Legon, A. C., 34:275-300 Leone, S. R., 35:109-35 Levy., D. H., 31:197-225 Light, J. C., 31:401-33 Lin, M. C., 34:557-91 Louie, S. G., 35:537-62

M

MacDiarmid, A. G., 33:443-69 Madden, P. A., 31:523-58 Madey, T. E., 35:215-40 Mandel, M., 35:75-108 Marcus, R. A., 32:267-309 Mauzerall, D., 33:377-407 Mayer, J. E., 33:1-23 McCammon, J. A., 31:29-45 McClain, W. M., 31:559-77 McMillen, D. F., 33:493-532 McTague, J. P., 31:491-521 Mendelson, R. A., 33:319-51 Metiu, H., 35:507-36 Miller, T. A., 33:257-82 Moldover, M. R., 32:233-65 Moore, C. B., 34:525-55 Morales, M. F., 33:319-51 Moseley, J., 32:53-76 Moylan, C. R., 34:187-215 Muetterties, E. L., 33:89-118

Nachtrieb, N. H., 31:131-56 Nagle, J. F., 31:157-95 Newton, M. D., 35:437-80 Noid, D. W., 32:267-309

0

Odijk, T., 35:75–108 Olson, D. B., 31:377–99 Ondrias, M. R., 33:471–91 Opella, S. J., 33:533–62 Osgood, R. M. Jr., 34:77– 101 Otis, C. E., 32:139–57 Oxtoby, D. W., 32:77–101

D

Parr, R. G., 34:631-56 Pechukas, P., 32:159-77 Philpott, M. R., 31:97-129 Pollock, E. L., 32:311-29 Pope, M., 35:613-55 Pulay, P., 35:191-213

R

Rabitz, H., 34:419-61 Ramaker, D. E., 35:215-40 Ramsay, D. A., 34:31-58 Record, M. T. Jr., 33:191-222 Reinhardt, W. P., 33:223-55 Rousseau, D. L., 33:471-91 Robiette, A. G., 34:245-72 Roelofs, M. G., 34:389-417

S

Saykally, R. J., 32:403-31; 35:387-418 Scoles, G., 31:81-96 Shapiro, M., 33:409-42 Smalley, R. E., 34:129-53 Spaepen, F., 35:241-63 Stebbings, R. F., 33:173-89 Steche!, E. B., 35:563-89 Stevens, W. J., 35:357-85 Stockbauer, R., 35:215-40 Stockmayer, W. H., 35:1-21 Stolt, K., 31:603-37 Stolzenberg, A. M., 33:89-118 Strauss, H. L., 34:301-28 Sutin, N., 35:437-80 Swenberg, C. E., 35:613-55

T

Takashi, R., 33:319-51 Thomas, D. D., 31:293-317 Tinoco, I. Jr., 35:329-55 Tuhlar, D. G., 35:150-89 Tully, J. C., 31:319-43 Turnbull, D., 35:241-63 U

Umstead, M. E., 34:557-91

V

Van Zee, R. J., 35:291-327 Vilches, O. E., 31:463-90

W

Walker, R. B., 31:401–33 Weinberg, W. H., 34:217–43 Weisshaar, J. C., 34:525–55 Weissman, M. B., 32:205–32 Weissman, S. I., 33:302–18 Weltner, W. Jr., 35:291–327 Williams, A. L., 35:329–55 Williams, C., 32:433–51 Wolfrum, J., 31:47–79 Wolynes, P. G., 31:345–76 Woods, R. C., 32:403–31

Y

Yamakawa, H., 35:23-47

Z

Zare, R. N., 33:119-50; 35:265-89 Zimm, B. H., 35:1-21

CHAPTER TITLES, VOLUMES 31-35

NIC.	PHYSICAL CHEMISTRY		
,,,	Simulation of Protein Dynamics	J. A. McCammon, M. Karplus	31:29-45
	Theory of the Main Lipid Bilayer Phase	J. A. McCammon, M. Karpius	31.29-43
	Transition	J. F. Nagle	31:157-95
	Saturation-Transfer Spectroscopy	J. S. Hyde, D. D. Thomas	31:293-317
	Polyelectrolyte Theories and Their	1	31:293-317
	Applications to DNA	C. F. Anderson, M. T. Record, Jr.	33:191-222
	Dynamics of Proteins	P. G. Debrunner, H. Frauenfelder	33:283-99
	Some Physical Studies of the Contractile		
	Mechanism in Muscle	M. F. Morales, J. Borejdo, J. Botts, R. Cooke, R. A. Mendelson, R.	
		Takashi	33:319-51
	Time-Resolved Resonance Raman Studies of		00.017 01
	Hemoglobin	J. M. Friedman, D. L. Rousseau.	
	Tiemogroom	M. R. Ondrias	33:471-91
	Solid State NMR of Biological Systems	S. J. Opella	33:533-62
	Electronic States and Luminescence of Nucleic	S. S. Opena	33.333-02
	Acid Systems	P. R. Callis	34:329-57
	Magnetic Field Effects on Reaction Yields in	r. R. Cams	34.329-31
	the Solid State: An Example From		
	Photosynthetic Reaction Centers	S. G. Boxer, C. E. D. Chidsey, M.	
	Filotosynthetic Reaction Centers	G. Roelofs	34:389-417
	Interactions and Kinetics in Membrane	G. ROCIOIS	34:369-417
	Mimetic Systems	J. H. Fendler	35:137-57
	Differential Absorption and Differential	J. H. Pendier	33:137-37
	Scattering of Circularly Polarized Light:		
	Applications to Biological Macromolecules	I Times Is A I Williams Is	25.220 55
	Applications to biological Macroniolecules	I.Tinoco, Jr., A. L. Williams, Jr.	35:329-55
cu	IEMICAL KINETICS—GAS PHASE		
CI	Chemical Kinetics of High Temperature		
	Combustion Combustion	W. C. Gardiner Jr., D. B. Olson	31:377-99
	Transition State Theory	P. Pechukas	32:159-77
	Collisions of Rydberg Atoms with Molecules	F. B. Dunning, R. F. Stebbings	33:173-89
	Sensitivity Analysis in Chemical Kinetics	H. Rabitz, M. Kramer, D. Dacol	34:419-61
	Variational Transition State Theory	D. G. Truhlar, B. C. Garrett	35:159-89
	Selective Excitation Studies of Unimolecular	D. G. Truniar, B. C. Garrett	33:139-89
	Reaction Dynamics	F. F. Crim	35:657-91
	Reaction Dynamics	r. r. cim	33:037-91
CF	HEMICAL KINETICS—PHOTOCHEMISTRY AN	D RADIATION CHEMISTRY	
	I. Electrons in Fluids II. Nonhomogeneous		
	Kinetics	G. R. Freeman	34:463-92
	Formaldehyde Photochemistry	C. B. Moore, J. C. Weisshaar	34:525-55
	•		
CI	HEMICAL KINETICS—REACTION DYNAMICS		
	Reactive Molecular Collisions	R. B. Walker, J. C. Light	31:401-33
	Fast Ion Beam Photofragment Spectroscopy	J. Moseley, J. Durup	32:53-76
	Quasiperiodic and Stochastic Behavior in		
	Molecules	D. W. Noid, M. L. Koszykowski,	
		R. A. Marcus	32:267-309
	Photofragment Alignment and Orientation	C. H. Greene, R. N. Zare	33:119-50
	Theories of the Dynamics of Photodissociation	M. Shapiro, R. Bersohn	33:409-42
	Nonequilibrium Molecular Dynamics	W. G. Hoover	34:103-27
	Dynamics of Electronically Excited States	R. E. Smalley	34:129-53
	State-Resolved Molecular Reaction Dynamics	S. R. Leone	35:109-35

CHEMICAL KINETICS—SOLUTIONS (CONDENS) The Application of the Marcus Relation to	ED PHASE)	
Reactions in Solution	W. J. Albery	31:227-63
Diffusion-Controlled Reactions	D. F. Calef, J. M. Deutch	34:493-524
Electron Transfer Reactions in Condensed	D. F. Caler, J. W. Deuten	34.493-324
Phases	M.D. Newton, N. Sutin	35:437-80
ELECTROCHEMISTRY		
Dynamics of Electrolyte Solutions	P. G. Wolynes	31:345-76
Ionization in Solution by Photoactivated Electron Transfer	D. Mauzerall, S. G. Ballard	33:377-407
GEOCHEMISTRY AND COSMOCHEMISTRY		
Interstellar Chemistry: Exotic Molecules in		
Space	S. Green	32:103-38
Human Effects on the Global Atmosphere	H. S. Johnston	35:481-505
LASER CHEMISTRY, ENERGY TRANSFER AND	RELAXATION .	
Bimolecular Reactions of Vibrationally	REETHATION	
Excited Molecules	M. Kneba, J. Wolfrum	31:47-79
Molecular Multiphoton Spectroscopy with	M. Kilcoa, J. Wollfulli	31.47-79
Ionization Detection	P. M. Johnson, C. F. Osia	22,120 67
	P. M. Johnson, C. E. Otis	32:139-57
Dynamics of Molecules in Condensed Phases:		
Picosecond Holographic Grating		
Experiments	M. D. Fayer	33:63-87
Chemical Lasers	M. C. Lin, M. E. Umstead, N. Djeu	34:557-91
Relaxation and Vibrational Energy		
Redistribution Processes in Polyatomic		
Molecules	V. E. Bondybey	35:591-612
LIOUID STATE—SIMPLE FLUIDS		
Renormalized Kinetic Theory of Dense Fluids	S. Yip	30:547-77
Renormanized Rinetic Theory of Dense Finites	5. Tip	30:341-11
LIQUID STATE—SOLUTIONS OF ELECTROLYT	ES: FUSED SALTS	
Conduction in Fused Salts and Salt-Metal		
Solutions	N. H. Nachtrieb	31:131-56
Electrolyte Solutions at Equilibrium	H. L. Friedman	32:179-204
Neutron Scattering from Ionic Solutions	J. E. Enderby	34:155-85
Dielectric Properties of Polyelectrolyte	J. E. Eliteroy	34.133-03
Solutions	M. Mandel, T. Odijk	35:75-108
LIQUID STATE—STRUCTURE		
Computer Simulations of Freezing and	- Louis Marco	
Supercooled Liquids	D. Frenkel, J. P. McTague	31:491-521
Simulation of Polar and Polarizable Fluids	B. J. Alder, E. L. Pollock	32:311-29
Supercooled Water	C. A. Angell	34:593-630
MAGNETIC RESONANCE (ELECTRON SPIN, NU	ICLEAR OUADRUROLE)	
Recent Developments in Electron	CELAK, QUADROTOLL)	
Paramagnetic Resonance: Transient Methods	S. I. Weissman	33:301-18
Magritannon		
MISCELLANEOUS		
The Avogadro Constant	R. D. Deslattes	31:435-61
Laser Microchemistry and Its Application to		
Electron-Device Fabrication	R. M. Osgood, Jr.	34:77-101
Metallic Glasses	F. Spaepen, D. Turnbull	35:241-63
MOLECULAR STRUCTURE		
High Resolution Spectroscopy of Molecular		
lons	R. J. Saykally, R. Claude Woods	32:403-31
Light and Radical Ions	T. A. Miller	33:257-82
Transition Metal Molecules	W. Weltner, Jr., R. J. Van Zee	35:291-327
Tanoiton Metal Molecules	W. Wellier, Jr., R. J. Vall 220	33.471-341

732 CHAPTER TITLES

PHYSICAL ORGANIC		
Gas Phase Acid-Base Chemistry	C. R. Moylan, J. I. Brauman	34:187-215
PHYSICAL PHENOMENA—MISCELLANEOUS		
Fluctuation Spectroscopy	M. B. Weissman	32:205-32
Thermodynamic Anomalies at Critical Points of Fluids	S. C. Greer, M. R. Moldover	32:233-65
POLYMERS AND MACROMOLECULES Molecular Vibrations of Polymers	B. Fanconi	31:265-91
Dynamics of Entangled Polymer Chains	P. G. de Gennes, L. Lèger	33:49-61
Polyacetylene, (CH) _x : The Prototype	1. G. de Gennes, E. Leger	33.47-01
Conducting Polymer	S. Etemad, A. J. Heeger, A. G.	
	MacDiarmid	33:443-69
The Theory of High Elasticity	B. E. Eichinger	34:359-87
Stiff-Chain Macromolecules	H. Yamakawa	35:23-47
Simulation of Polymer Motion	A. Baumgärtner	35:419–35
PREFATORY CHAPTERS		
NMR in Chemistry—An Evergreen	J. Jonas, H. S. Gutowsky	31:1-27
A History of Solution Theory	J. H. Hildebrand	32:1-23
The Way It Was	J. E. Mayer	33:1-23
My Adventures in Theoretical Chemistry	J. O. Hirschfelder	34:1-29
When Polymer Science Looked Easy	W. H. Stockmayer, B. H. Zimm	35:1-21
QUANTUM CHEMISTRY		
Potential Energy Barriers in Unimolecular		
Rearrangements	C. E. Dykstra	32:25-52
Many-Body Perturbation Theory and Coupled		
Cluster Theory for Electron Correlation in		
Molecules	R. J. Bartlett	32:359-401
Electronic Structure Calculations Using the Xα	2.00	
Method	D. A. Case	33:151-71
Complex Coordinates in the Theory of Atomic		
and Molecular Structure and Dynamics	W. P. Reinhardt	33:223-55
Quasilinear and Quasiplanar Molecules	P. R. Bunker	34:59-75
Density Functional Theory	R. G. Parr	34:631-56
Ab Initio Vibrational Force Fields	G. Fogarasi, P. Pulay	35:191-213
Effective Potentials in Molecular Quantum	M V W I Street	25.257 05
Chemistry	M. Krauss, W. J. Stevens	35:357–85
QUANTUM MECHANICS		
Quantum Ergodicity and Spectral Chaos	E. B. Stechel, E. J. Heller	35:563-89
SCATTERING PHENOMENA—DYNAMICAL		
Light Scattering Studies of Molecular Liquids	D. Kivelson, P. A. Madden	31:523-58
,		
SCATTERING PHENOMENA—STRUCTURAL		
Developments in Extended X-Ray Absorption		
Fine Structure Applied to Chemical Systems	D. R. Sandstrom, F. W. Lytle	30:215-38
SOLIDS AND ORDERED ARRAYS—STRUCTUR	E AND DYNAMICS	
Electronic Processes in Organic Solids	M. Pope, C. E. Swenberg	35:613-55
	and the property of the proper	
SPECTROSCOPY—ELECTRONIC AND PHOTOE	ELECTRONIC	
Optical Reflection Spectroscopy of Organic		
Solids	M. R. Philpott	31:97-129
Two-Photon Molecular Electronic		
Spectroscopy	D. M. Friedrich, W. M. McClain	31:599-677
High Pressure Studies of Molecular	II C Distance	22.25 47
Luminescence The Spectroscopy of Formaldebude and	H. G. Drickamer	33:25-47
The Spectroscopy of Formaldehyde and	D. I. Clouthier D. A. Barres	34:31-58
Thioformaldehyde	D. J. Clouthier, D. A. Ramsay	34:31-38

Effects of Saturation on Laser-Induced		
Fluorescence Measurements of Population and Polarization	R. Altkorn, R. N. Zare	35:265-89
SPECTROSCOPY—INFRARED AND RAMAN		
Laser Spectroscopy of Cold Gas-Phase		
Molecules	D. H. Levy	31:197-225
Resonance Raman Scattering: The Multimode Problem and Transform Methods	P. M. Ch	22 222 24
High Resolution Vibration-Rotation	P. M. Champion, A. C. Albrecht	33:353–76
Spectroscopy	A. G. Robiette, J. L. Duncan	34:245-72
Pseudorotation: A Large Amplitude Molecular	A. G. Robiette, J. L. Duncan	34.243-12
Motion	H. L. Strauss	34:301-28
Velocity Modulation Infrared Laser		
Spectroscopy of Molecular Ions	C. S. Gudeman, R. J. Saykally	35:387-418
The Electromagnetic Theory of Surface		
Enhanced Spectroscopy	H. Metiu, P. Das	35:507-36
SPECTROSCOPY—MICROWAVE		
Pulsed-Nozzle, Fourier-Transform Microwave		
Spectroscopy of Weakly Bound Dimers	A. C. Legon	34:275-300
STATISTICAL MECHANICS		
Two-Body, Spherical, Atom-Atom, and		
Atom-Molecule Interaction Energies The Minimum Entropy Production Principle	G. Scoles	31:81-96
Vibrational Relaxation in Liquids	E. T. Jaynes D. W. Oxtoby	31:579-601 32:77-101
Simulation of Polar and Polarizable Fluids	B. J. Alder, E. L. Pollock	32:311-29
Polymer Collapse	C. Williams, F. Brochard, H. L.	32.311-29
Torymer Compac	Frisch	32:433-51
SURFACES—ADSORPTION AND CATALYSIS		
Kinetic Processes on Metal Single-Crystal		
Surfaces	R. J. Madix, J. Benziger	29:285-306
SURFACES—STRUCTURE AND DYNAMICS		
Theories of the Dynamics of Inelastic and		
Reactive Processes at Surfaces	J. C. Tully	31:319-43
Phase Transitions in Monomolecular Layer Films Physisorbed on Crystalline Surfaces	O. F. Wilster	21.462.00
Surface Diffusion	O. E. Vilches G. Ehrlich, K. Stolt	31:463-90 31:603-37
Gas-Surface Interactions Studied with	G. Emilen, K. Ston	31.003-37
Molecular Beam Techniques	M. J. Cardillo	32:331-57
Molecular Features of Metal Cluster Reactions	E. L. Muetterties, R. R. Burch, A.	32.331 37
	M. Stolzenberg	33:89-118
Order-Disorder Phase Transitions in		
Chemisorbed Overlayers	W. H. Weinberg	34:217-43
Electron Energy Loss Spectroscopy in the Study of Surfaces	P.Avouris, J. Demuth	35:265-89
Characterization of Surfaces Through Electron	1./4vouris, 3. Delitatis	33.203-09
and Photon Stimulated Desorption	T. E. Madey, D. E. Ramaker,	
Electronic Properties of Surfaces	R.Stockbauer M. L. Cohen, S. G. Louie	35:215-40 35:537-62
		33.331-02
THERMOCHEMISTRY AND THERMODYNAMIC	D. F. McMillen, D. M. Golden	33:493-532
Hydrocarbon Bond Dissociation Energies	D. F. McMillen, D. M. Golden	33:493-332